

Title (en)  
COMPACT PROJECTILE LAUNCHER

Title (de)  
KOMPAKTER GESCHOSSWERFER

Title (fr)  
LANCEUR DE PROJECTILE COMPACT

Publication  
**EP 1757088 A4 20101124 (EN)**

Application  
**EP 05773596 A 20050512**

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Abstract (en)  
[origin: WO2005114989A2] The present embodiments provide compact launching apparatuses for use in launching non-lethal projectiles. Some embodiments provide handheld apparatuses for use in launching non-lethal projectiles that include a source of compressed gas, an expansion chamber cooperated with the source of gas to receive gas released from the source of gas, a barrel having a bore aligned with an output of the expansion chamber, and a burst disk positioned between the barrel bore and the output of the expansion chamber. The burst disk is configured to rupture releasing the gas within the expansion chamber when the pressure within the expansion chamber. Some embodiments provide for quick reload devices with disposable portions of the apparatus. Some embodiments contain a gas pressure diffuser to enhance the ability to simultaneously launch multiple frangible projectiles. The present embodiments can be used offensively, and defensively as protection against threatening humans or animals.

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Citation (search report)  
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• See references of WO 2005114989A2

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